

AMENDMENTS TO THE SPECIFICATION

Please delete the present Abstract of the Disclosure.

Please add the following new Abstract of the Disclosure:

The invention relates to methods of separating substances from liquid media using a binding substance confined to the interior of a vesicle having an artificial membrane of amphiphilic molecules and a pore-forming unit contained in the membrane. The pore formed by the pore unit allows compounds to access the vesicle interior but binding of the compound to the binding substance precludes passage through the pore to the exterior. Separation of compounds can therefore be achieved by the binding and subsequent sequestration of a compound to the interior of the vesicles.